



DVD1100 User Manual

Please read this User Manual carefully to ensure proper use of this product and keep this manual for future reference.

Content

Introduction

■ Important Safety Instructions	2
■ Caution	3
■ Features	3
■ Front Panel and Rear Panel Illustration	4
■ Remote Control	5

Connections

■ TV set Connecting	6
■ Digital Audio Connecting	7

Advanced Features

■ Function Operation	8
■ SYSTEM setup	11

Others

■ Troubleshooting	18
■ Specifications	19

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings, install in accordance with the instructions.
- 8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- 15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.
- 16) No naked flame sources, such as lighted candles, should be placed on the apparatus.
- 17) Attention should be drawn to the environmental aspects of battery disposal.
- 18) The use of apparatus in moderate climate.
- 19) Portable Cart Warning

A product and cart combination should be moved with care. Quick stop, excessive force, and uneven surface may cause the product and cart combination to overturn.



(Symbol provided by RETAC)

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.



The symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



This symbol indicates that this product incorporates double insulation between hazardous main voltage and user accessible parts. When servicing use only identical replacement parts.

- Please use the original box and packing materials for safe transportation of this product.
- It is normal for the cover and rear panel to become warm after the player has been operation for an extended period of time.
- Do not move this product during playback. Doing so may cause damage to the pickup and the disc.
- Press OPEN/CLOSE on the front panel or remote to open or close the disc tray. Do not push or touch the tray while it is opening or closing.

Features

Introduction

Disc formats supported by this player:



BD-ROM



Subtitle choices



Dolby Digital



Audio choices



DVD video



DTS-HD



Multi-angle



Parental Lock



You can help protect the environment!
Please remember to respect the local regulations: hand in the non-working electrical equipments to an appropriate waste disposal center.

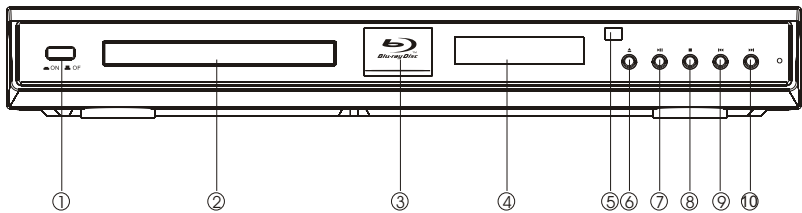
This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise by Macrovision. Reverse engineering or disassembly is prohibited.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trade marks of Dolby Laboratories.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

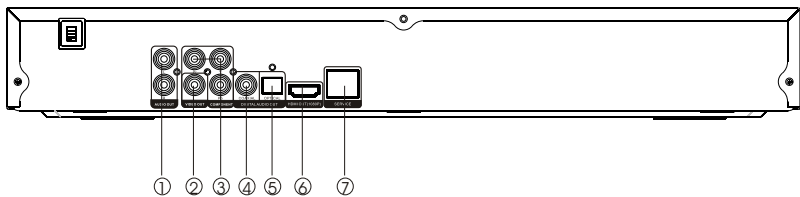
Manufactured under license under U.S. Patent#’ s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS is a registered trademark and the DTS logos, Symbol, DTS-HD and DTS-HD Advanced Digital Out are trademarks of DTS, Inc. ©1996-2008 DTS, Inc. All Rights Reserved.

Front panel



- | | | |
|--------------|---------------------|---------------|
| ① POWER | ⑤ SENSOR | ⑨ PREV BUTTON |
| ② CABIN DOOR | ⑥ OPEN/CLOSE BUTTON | ⑩ NEXT BUTTON |
| ③ BD LIGHT | ⑦ PLAY/PAUSE BUTTON | |
| ④ VFD SCREEN | ⑧ STOP BUTTON | |

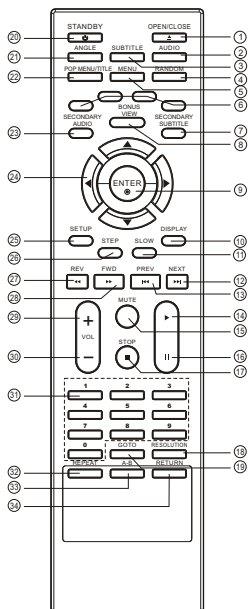
Rear panel(2CH Audio output)



- | | |
|------------------------------------|--------------------------------|
| ① 2 CH Audio output(L,R) | ② COMPOSITE VIDEO output |
| ③ Component Video output(Y,Pb, Pr) | ④ Digital Audio COAXIAL output |
| ⑤ Digital Audio OPTICAL output | ⑥ HDMI output |
| ⑦ SERVICE(upgrade only) | |

Remote Control

- 20 STANDBY
- 21 ANGLE
- 22 POP MENU/TITLE
- 23 SECONDARY AUDIO
- 24 MOVE(▲,▼,◀,▶)
- 25 SETUP
- 26 STEP
- 27 REV
- 28 FWD
- 29 VOL+
- 30 VOL-
- 31 0-9 NUMBER KEY
- 32 REPEAT
- 33 A-B
- 34 RETURN



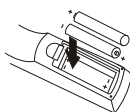
- 1 OPEN/CLOSE
- 2 AUDIO
- 3 SUBTITLE
- 4 RANDOM
- 5 MENU
- 6 COLOUR (RED, GREEN, YELLOW, BLUE)
- 7 SECONDARY SUBTITLE
- 8 BONUS VIEW
- 9 ENTER
- 10 DISPLAY
- 11 SLOW
- 12 NEXT
- 13 PREV
- 14 PLAY
- 15 MUTE
- 16 PAUSE
- 17 STOP
- 18 RESOLUTION
- 19 GOTO

Battery installation

1.Open the cover



2.Install batteries



3.Close the cover



Using the remote

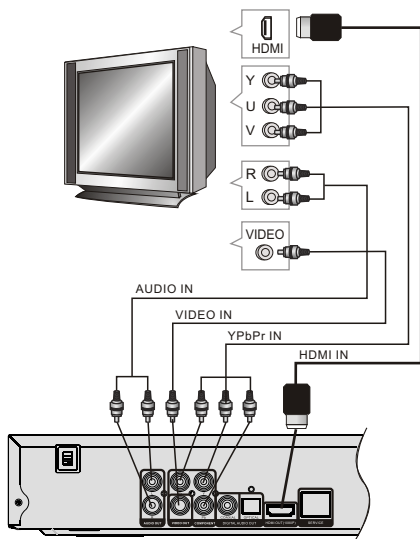
Point the remote control at the remote sensor.

(The pictures below are for reference only.)



Notes:

- Point the remote control directly at the player's remote sensor.
- Do not leave the remote control in an extremely hot or humid place.
- Do not spill water or put anything wet on the remote control.
- Inserting the 2AAA 1.5V batteries making sure the polarity (+ or -) of the batteries matches the polarity marks inside the unit.



● CONNECT BD PLAYER TO TV SET BY A/V CABLE

Connect the BD player's L and R jack to the audio input jack on the TV. Connect the BD player's video out jack to the video input jack of TV.

● CONNECT THE BD PLAYER TO TV SET USING THE Y/Pb/Pr JACKS

Use the COMPONENT Cable(not supplied) to connect BD player to your TV. Set the [Primary output] to [Component]. Connect the BD player's L and R jack to the audio input jack on the TV.

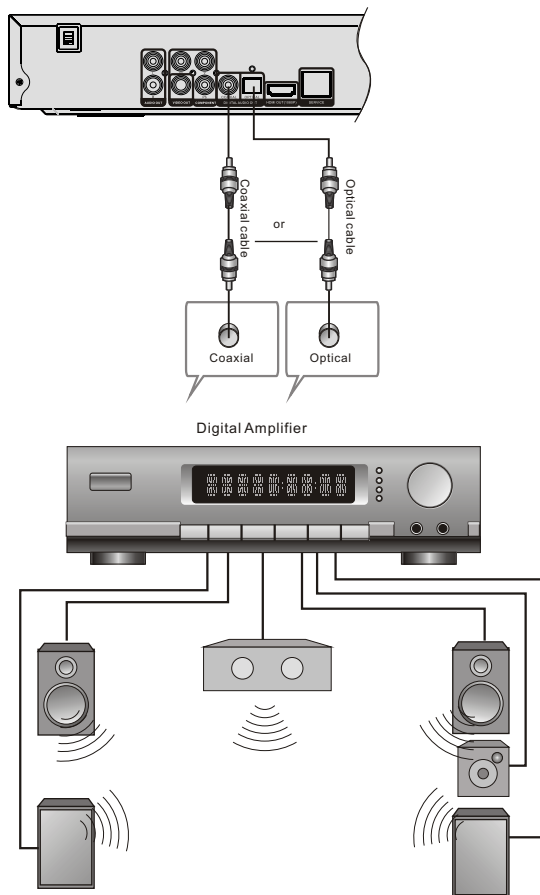
Notes: The BD player component output supports 1080i, 720P, 576P and 576i. You can press RESOLUTION key on the remote controller to set the BD player component output. If your TV does not accept your resolution setting, an abnormal picture appears on the screen. Please read TV's owner's manual then set the resolution that your TV can accept.

● CONNECT THE BD PLAYER TO TV SET USING THE HDMI OUTPUT

Use the HDMI cable (not supplied) to connect BD player to your TV.

Notes: The player supports video resolution up to 1080p60Hz on HDMI output. If the player is set to a resolution the TV cannot support, picture will become abnormal. Press the "RESOLUTION" button under STOP status to change the output resolution. The player can also perform auto detection of supported TV resolution via EDID in order to avoid the setting of unsupported resolution.

● Connecting to an AV Amplifier with Digital Audio Input



Notes:

1. Select the Coaxial or Optical digital audio output.
2. Set the digital Amplifier to the AV input connected to the BD player.

FUNCTION OPERATION

Function Buttons

OPEN/CLOSE

To open the disc tray, press OPEN/CLOSE; To close the disc tray, press OPEN/CLOSE again.

AUDIO

During BD, DVD playback, press AUDIO can select different audio language.

During VCD playback, press AUDIO button to switch between LEFT/RIGHT/STEREO channels.

SUBTITLE

Press the button to choose different captions(*Requires support from disc*).

RANDOM

During CD playback, press RANDOM button for random sequence playing.

MENU

During BD, DVD playback, press MENU to display the disc menu of the current title.

Note: *This function is subject to the disc.*

During VCD playback, press MENU to control PBC ON/OFF.

COLOUR(RED/GREEN/YELLOW/BLUE)

Use the buttons as indicated by the video display during BD-ROM disc playback.
(*Requires disc support*)

DISPLAY

Press the button to show the information of the current playing disc.

A-B

During playback, press A-B to select point A, press it again to select point B. The player will repeat the section from A to B automatically. Press A-B a third time to cancel A-B repeat and clear points A and B.(*Requires disc support*)

Note: During CD/VCD playback, points A and B must be within the same track. During BD, DVD playback, points A and B can be selected from different chapters.

ENTER

Press the button to confirm your choice on screen.

RETURN

When VCD disk playing, press RETURN button to return to Main menu (PBC ON only).

During BD/DVD playback, it acts like RESUME

SLOW

During BD, DVD, VCD or SVCD playback, press SLOW for slow motion playback. Once you press SLOW, the disc will play at different speed. Press PLAY to resume normal playback.

FUNCTION OPERATION

NEXT

During BD, DVD, CD or VCD playback, press NEXT to play the next chapter, title or track.

PREV

During BD, DVD, CD or VCD playback, press PREV to play the previous chapter, title or track.

Play

In pause state or stop state, press the button, the player will be in playing state.

MUTE

Press MUTE to turn off the audio, press MUTE again to resume normal sound.

Pause

In play state, press the button for the first time and the player will be in pause state.

STOP

Press the button once and the player will be in memory stop state. Continuously press this button twice and the player will be in complete stop state.

RESOLUTION

In the STOP/OPEN TRAY/NO DISC state, Press RESOLUTION key, you can select different output resolution for HDMI and component.

GOTO

During BD/DVD playback, press GOTO button to choose the desired title or chapter, and search the desired title time or chapter time.

During VCD playback, press GOTO button to search the desired disk time or track time, and choose the desired track.(only valid on PBC off)

During CD playback, press GOTO button to search desired track

STANDBY

Press the button to switch the power between normal work mode and standby mode.

ANGLE

Press ANGLE button to view the scene from different angles, this function is disc dependent.

Bonus View

Press Bonus View button to play the secondary video.
(Picture in picture mode, this function is disc dependent).

Secondary Subtitle

Press Secondary Subtitle button to choose subtitle language of the secondary video (this function is disc dependent).

Secondary Audio

Press Secondary Audio button to choose audio language for the secondary audio (this function is disc dependent).

FUNCTION OPERATION

POP MENU/TITLE

Press the button to enter the appointed title. *(Requires disc support)*

During BD playback, press the button to display the disc's pop-up menu.

REPEAT

Each press of the REPEAT button will change the repeat mode.

During VCD, CD playback, there are three modes: repeat Single, repeat ALL and Off.

During BD, DVD playback, there are three modes: Repeat Chapter, Repeat Title and OFF.

Note: During VCD playback, the PBC mode must be set to Off.

Direction key(UP/DOWN/RIGHT/LEFT)

Press the keys to move the highlighted bar or cursor on any menu to your selection.

SETUP

Press the button to enter the system setting menu. Press the button again to exit the menu.

STEP

Press **STEP** to step a single frame/ picture forward during playback. Press STEP several times to step several frames/ pictures forward. Press play to resume playback.

REV:

During BD, DVD, CD or VCD playback, press REV to scan in reverse. The player will review the disc at different times speed. Press PLAY/PAUSE to resume normal playback.

FWD

During BD, DVD, CD, or VCD playback, press FWD to scan forward. The player will cue the disc at different speed. Press PLAY/PAUSE to resume normal playback.

VOLUME+/-

Press **VOL+** to increase volume and press **VOL-** to decrease volume.

0-9 keys

These keys are used to input the time, as well as title, chapter and track numbers. When a numeric item is displayed on the screen, press the 0-9 keys to select the desired entry, and press ENTER to confirm. When a VCD is playing(with PBC off), press the 0-9 keys to select a track directly.

SYSTEM SETUP

BD Player Setup Menu

Press SETUP button on remote controller under STOP or TRAY OPEN status to enter Main menu. In Main menu, press UP/DOWN button to select desired sub-menus and press ENTER button to switch to other sub-menus. In sub-menus, LEFT/RIGHT button are used to change options for desired item which was be highlighted.

Language Menu
Display Menu
Audio Menu
Parental Password Menu
Diagnostic Menu
EXIT
▲▼ ENTER: switch menu item ◀▶ : make choice

1. LANGUAGE SETUP

Select Language in the setup menu, and display the Language submenu:

Language Menu	
Audio Language	English
Subtitle Language	None
Menu Language	English
OSD Language	English
BACK	To Index Menu
▲▼ ENTER: switch menuitem ◀▶ : make choice	

1.1 Audio Language : Select default audiolanguage for BD/DVD

1.2 Subtitle Language: Select default subtitle for BD/DVD.

1.3 Menu Language: Select default menulanguage for BD/DVD.

1.4 OSD Language: Select your language for player OSD.

1.5 BACK: Return to mainsetup menu.

SYSTEM SETUP

2. DISPLAY SETUP

Select **Video** in the setup menu, and display the **Video** submenu:

Display	Menu
▶ TV Type	NTSC
TV Aspect	16:9
Resolution	1080P
Color Space	xvYCC
Film Mode	off
BACK	To Index Menu
▲▼ ENTER: switch menu item ◀▶ : make choice	

2.1 TV Type: Select TV type.

2.2 TV Aspect:: Select display configuration for disc.

16:9: Content presented in 16:9 geometry for widescreen TVs.

16:9PB: Content presented in 4:3 geometry or cropped content for widescreen TVs.

4:3: Content presented in 4:3 geometry with horizontal black bars on top and bottom for conventional TVs.

4:3 Pan and Scan: Content cropped to fit within 4:3 geometry for conventional TVs.

Note: Under HD(720P / 1080i / 1080P) mode, only 16:9 and 16:9PB are available.

2.3 Resolution: Select desired resolution.

2.4 Color Space

User can select the best color space the TV supported for best color effect

xvYCC: player implements a fallback algorithm in which the flow is xvYCC->YCC->RGB base on EDID information via HDMI

YCC: player implements a fallback algorithm in which the flow is YCC->RGB base on EDID information via HDMI

RGB: player will output video using RGB color space

Note: Color space setting only affects HDMI video output. Choose correct option here if you know the color space feature of TV, choose xvYCC option to let player decide for you. For some special case, e.g. the TV has wrong EDID information, please change color space to RGB.

2.5 Film Mode

On: player will output disk content recorded at 24 frames per second directly

Off: player will convert 24frames/sec content to 1080p 60Hz output

Note: This item is only affect HDMI output, if no HDMI connect to player or TV do not support 1080p24Hz, it will be locked to "Off" option.

2.6 BACK: Return to main setup menu.

SYSTEM SETUP

3. Audio setup menu

Audio Menu	
◀▶ Digital Output	PCM
PCM Downsampling	Off
Dynamic Range Control	Off
BACK	To Index Menu
▲▼ ENTER: switch menuitem ◀▶ : make choice	

3.1 Digital Output

Choose preferred option for digital output base on receiver connected to player
PCM: Output PCM audio data for receiver not support Dolby① and DTS② decoding (mixed primary audio, secondary audio and effect audio if available in disk)
Bitstream: Output raw data for receiver support Dolby and DTS decoding (primary audio only).
Re-encoded DTS: Output DTS data format for receiver if it support DTS decoding (mixed primary audio, secondary audio and effect audio if available in disk)

Note: Not setting this item properly may result in noise.

- ① Dolby Digital
- ② DTS and DTS HD

3.2 PCM Downsampling: Sets maximum sampling rate for the SPDIF digital audio output (as some SPDIF receivers do not support 192 kHz or even 96 kHz).
48 kHz: Downsample audio with sample rates over 48 kHz.
96 kHz: Downsample audio with sample rates over 96 kHz.
Off : No downsampling on SPDIF output.

3.3 Dynamic Range Control: Reduces loudness difference between soft and loud parts of the audio track.
On: Enables dynamic range control for all codecs.
Follow: Enables dynamic range control for all codecs. MLP streams use the DRC level embedded in the audio stream itself.
Off: Turns off dynamic range control.

3.4 BACK: Return to main setup menu.

SYSTEM SETUP

4. Parental control menu:

↩ Please Input 4-Digit parental password

▲▼ ENTER: switch menu item ◀▶ : make choice

Enter right password to enter parental control menu.

Parental Menu	
▶▶ Parental Country	USA
Parental Control	On
Parental Level	8.Adult
Parental Password	Default
BACK	To Index Menu

▲▼ ENTER: switch menu item ◀▶ : make choice

Note: Factory default password is 6666.

4.1 Parental Country: Select the movie intended for your residential area.

USA: Parental country set to USA.

International: Parental country set to others

4.2 Parental Control: Activate parental control.

Off: Turn off parental control.

On: Turn on parental control.

4.3 Parental Level Select parental control level, disc cannot be played if preset level on disc exceeds the level user set.

1.Kid Safe

2.G

3.PG

4.PG-13

5.PG-R

6.R

7.NC-17

8.Adult

SYSTEM SETUP

4.4 Parental Password: Set parental password.

Default: Reset to default password

User Define: Setup user define password

User defined password setting for parental control.

↶ Please set 4-DigitParental password: ----

▲▼ ENTER: switch menu item ◀▶ : make choice

4.5 BACK

Select this item, then press ENTER to return to main setup menu.

5. Diagnostic Menu

↶ Reload Default Setting? (Okay/Canel) OKAY

Erase nonvolatile storage OKAY

▲▼ ENTER: switch menu item ◀▶ : make choice

Use UP/DOWN to select item, than use LEFT/RIGHT key to change option (OKAY or Cancel).

Reload Default Setting? (Okay/Canel)

Loading factory default setting for all items in setup menu

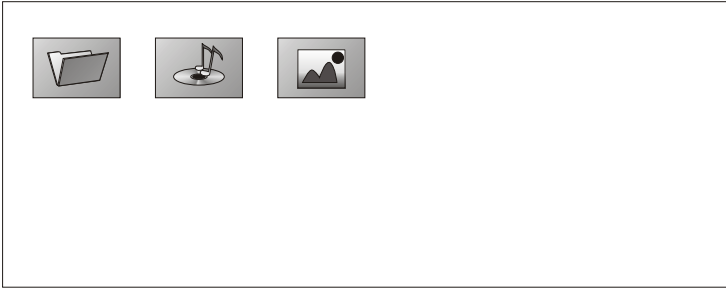
Erase nonvolatile storage

Erase storage partition function base on BD-J requirement

SYSTEM SETUP

6. File Disk Playback----- WMA/MP3/JPEG(WMJ) files in disk

After read out the device with WMJ files, player will list all directories and files in root directory as below picture shown. Press TITLE key to bring out help messages, press MENU key to bring up a pop up menu which guide you for special features, press LEFT button to exit pop up menu, press NAVIGATION buttons on remote controller to select desired item for playback or enter next level directory.



SYSTEM SETUP

For music files, in pop up menu, user can add current file into playlist as favorite songs, and set current file as background music while JPEG slide show.

Play	
Add Play List	>
Set As BGM	>

For Playlist operation, in pop up menu, user can set play mode, audio mode, and remove songs which have been added into playlist.

Play	
Set Play Mode	>
Set Audio Mode	>
Play list	>

For JPEG files, in pop up menu, user can choose to play current JPEG or slide show JPEG files

Play	
Start Slide Show	>
Properties	>

For single JPEG file playback, user can change to slide show mode with different transition effects, rotate current picture or choose “Properties” to see detail file information.

Start Slide Show	
Rotate	>
Properties	>

For JPEG slideshow operation, user can set time interval or transition effects for JPEG slide show and enable background music playback while JPEG slide show.

Start Slide Show	>	Blend
Slide Show Duration	>	Film
Slide Show BGM	>	Shutter
		Fade
		Curtain
		None

If you have any questions, please consult the troubleshooting guide below.

NO PICTURE OR SOUND

- Ensure the power button is on.
- Ensure the power outlet is operational.
- Ensure the power cord is not damaged.
- Ensure the power plug is connected firmly to the outlet.

PICTURE BUT NO SOUND

- Ensure the audio jacks are securely connected.
- Ensure the audio connector is not damaged.
- Ensure you have set the player's AUDIO settings correctly.
- Ensure you have entered the correct AV input for your TV.
- Ensure the audio is not set to mute.

SOUND BUT NO PICTURE

- Ensure the video jacks are securely connected.
- Ensure you have entered the correct AV input for your TV.
- Ensure the video connector is not damaged.
- Ensure you have set the player's VIDEO settings correctly.

POOR PICTURE OR SOUND

- Ensure you have set the player's AUDIO settings correctly.
- Ensure the disc is not scratched or stained.
- Ensure the AV connector or the output terminal is not damaged.

REMOTE NOT WORKING

- Make sure the Main unit's POWER button is on.
- Ensure the remote batteries are working.
- Point the remote control directly at the player's IR sensor.
- Remove any obstacles between the remote and the IR sensor.

UNIT NOT WORKING

- Turn off the power, and then turn it on again.

"NO DISC" DISPLAYED

- Ensure you have put the disc on the tray.
- Ensure the disc is not upside down.
- Ensure the disc is not distorted, stained or scratched.

Power requirements: AC 100-240 Volt, 50/60Hz

Power consumption: 35W

Discs COMPATIBILITY:

BD,DVD,DVD+/-R/RW,VCD,CD-DA,CD-R/RW.

Video out

Video out: 1.0V(p-p)/75 Ω , sync, negative polarity, RCA pin jack x 1

Audio out

2 channel out: RCA pin jackx2

Coaxial out: 0.5V(p-p)75 Ω , RCA pin Jack x 1

Frequency response: 20Hz to 20kHz

S/N ratio:>90dB

Total harmonic distortion: <-65dB

[Accessories]

Video/ Audio cable x 1

Remote Control x 1

User's Manual x 1

Battery x 2

Specifications are subject to change without notice.

Weight and dimensions are approximate.